

# SAFETY DATA SHEET

EW Nutrition USA, Inc.

## Activo Liquid



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DATE PREPARED: 1 AUG 2018

SDS NUMBER: 714130C

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Activo Liquid

General Use: Animal Feed Supplement

Company's Name: EW Nutrition USA, Inc.

Company's Address: 28800 R Ave, Adel, Iowa 50322, USA

Company's Additional Information: Phone: +1 (515) 251-7430, Fax: +1 (515) 478-1394, info.usa@ew-nutrition.com, www.ew-nutrition.com

EMERGENCY TELEPHONE NUMBER:

**For Hazardous Materials [or Dangerous Goods] Incident, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night  
1-800-424-9300 / +1 703-527-3887 CCN821184**

### SECTION 2. HAZARDS IDENTIFICATION

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Skin Corrosive: 1C; H314

Eye Damage: 1; H318

Skin Sensitivity: 1; H317

Classification in accordance with Directive 67/548/EEC or 1999/45/EC

C; R34

R43

Classification information: Product is classified as "Corrosive" based on the extreme pH-value

Signal word: Danger

Hazardous components: carvacrol

Label elements: Hazard Pictograms

GHS05



GHS07



Hazard Statements: H314 May cause severe skin burns and eye damage, H317 May cause an allergic skin reaction  
Precautionary statements: P102 Keep out of reach of children, P260 Do not breathe vapor/spray, P264 Wash with plenty of water and soap thoroughly after handling, P280 Wear protective gloves/eye protection, P301+ P330+P331 IF SWALLOWED; rinse mouth. Do NOT induce vomiting, P310 Immediately call a POISON CENTER or doctor/physician, P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present & easy to do and continue rinsing, P501 Dispose of contents/container in accordance with local/regional/national regulations

Other Hazards: No Data Available

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture: Chemical characterization - Aqueous emulsion with acids and essential oils.

No	Substance Name	Classification	Classification (EC) 1272/2008 (CLP)	Additional Information	
	CAS/EC/Index/REACH No	67/548/EEC		Concentration	% - b.w.
1	Citric Acid Monohydrate				
	5949-29-1 201-069-1	Xi; R36	Eye Irrit. 2; H319	>10.00 - < 25.00	%-b.w.
2	Carvacrol				
	499-75-2 207-889-6	Xn; R22 Xi; R38 R43	Acute Tox. 4; H302 Irrit. 2; H315 1: H317 Eye Irrit. 2; h319 Skin Sens.	>5.00 - < 10.00	%-b.w.
3	Cinnamaldehyde				
	104-55-2 203-231-9		Acute Tox. 4; H312 Skin Irrit. 2; H315 Sens. 1; H317 Skin	>0.50	%-b.w.

### SECTION 4. FIRST AID MEASURES

GENERAL: Remove contaminated clothing immediately and dispose of safely. In case of persisting adverse effects, consult a physician.

EYES: Do not rub eye(s). Rinse eye(s) with clean, lukewarm, gently flowing water for 15 minutes while holding the eyelid(s) open. If irritation persists, immediately obtain medical attention.

SKIN: Wash affected area with plenty of water for several minutes. If irritation persists, obtain medical advice.

INGESTION: Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Seek medical advice.

INHALATION: If symptoms are experienced, remove source of contamination or move victim to fresh air. Obtain medical advice.

### SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide Unsuitable Extinguishing Media: Water

Special Fire Fighting Procedures: When heating or in case of fire formation of toxic gases. Firefighters should use self-contained breathing apparatus and wear protective clothing.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Non-emergency – refer to protective measures listed in section 7 & 8, ensure adequate ventilation. Emergency – No data available, PPE – see section 8.

Environmental precautions: Do not discharge into the drains/surface waters/groundwater.

Methods & material for containment and cleaning up: Take up with absorbent material (sand, binder, etc.) and send in suitable containers for recovery or disposal.

Reference to other sections: safe handling-chapter 7, personal protective measures-chapter 8, waste disposal-chapter 13

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### SECTION 7. HANDLING AND STORAGE

**Safe handling** – ensure adequate ventilation & avoid contact with skin & eyes, do not eat/drink/smoke during work time, keep away from foodstuffs & beverages, wash hands before breaks & after work, do not inhale vapors, keep away from sources of heat & ignition. **Safe storage** – keep container in a cool, dry, well-ventilated place protected from heat & sunlight. Store open containers closed & upright.

### SECTION 8. PERSONAL PROTECTION / EXPOSURE CONTROLS

Component(s) with environmentally regulated limits: Citric Acid CAS# 77-92-9 (10-20%)

**ENGINEERING CONTROLS:** Provide sufficient general and local exhaust ventilation to maintain safe exposure levels. Take measures to minimize exposure. Provide a source of clean water for flushing eyes and skin.

**EYE PROTECTION REQUIREMENTS:** Use ANSI-approved eye protection (e.g. safety glasses, goggles), as required by work conditions. Use ANSI-approved chemical splash goggles and face shield if splashing may occur.

**SKIN PROTECTION REQUIREMENTS:** Chemical (acid) resistant gloves and clothing, as needed, to prevent skin contact. Wash hands before eating, drinking, or smoking.

**RESPIRATORY PROTECTION:** Not necessary in a well-ventilated environment.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Liquid      Solubility in Water: completely miscible      Color: cream – beige      Density (water = 1): 1.07 @ 20°C  
Odor: Specific      Boiling Range: approximately 100°C      pH: 1-2 (approximately)      Not self igniting, Not oxidizing, No explosion hazard

### SECTION 10. REACTIVITY

**Stability:** Stable under anticipated storage and handling conditions.

**Hazardous polymerization:** Will not occur if handled according to intended use.

**Incompatibilities (Materials to Avoid):** No risks exists if handled according to intended use.

**Hazardous decomposition products:** No security risks.

### SECTION 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity (result of the ATE calculation for the mixture):** The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), paragraph 3.1.3.6, part 3 of Annex I is outside the values that imply classification/labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

**Acute oral toxicity:** LD50 5555 mg/kg (rat)

**Skin corrosion/irritation:** Method - OECD 435, Evaluation – Corrosive

**Delayed and Immediate effects as well as chronic effects from short and long-term exposure:** Irritating to skin. Irritating the mucous membrane.

### SECTION 12. ECOLOGICAL INFORMATION

No data available. Do not discharge into drains or waters & do not store on public depositories.

### SECTION 13. DISPOSAL CONSIDERATIONS

Recycle or dispose of contents and empty containers according to federal, state and local regulations.

### SECTION 14. TRANSPORTATION INFORMATION

Class: 8      Classification code: C9      Packing Group: III      Hazard identification no.: 80      UN Number: UN1760      Tunnel restriction code: E  
Technical name: CORROSIVE LIQUID, N.O.S.      Danger releasing substance: Citric Acid Monohydrate, Carvacrol      Label: 8

### SECTION 15. REGULATORY INFORMATION

This product is a “Hazardous Chemical” as defined by the OSHA HCS, 29 CFR 1910.1200.

### SECTION 16. OTHER INFORMATION

Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

R22	Harmful if swallowed.	R38	Irritating to skin.
R34	Causes burns.	R43	May cause sensitization by skin contact.
R36	Irritating to eyes.		
H302	Harmful if swallowed.	H312	Harmful in contact with skin.
H315	Causes skin irritation	H318	Causes serious eye damage.
H319	Causes serious eye irritation		

C      Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

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